

1652 U.S. PTO

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	671302-2005
First Inventor	SATO et al.
Title	PROTEINS HAVING EFFECTS OF CONTROLLING CELL MIGRATION AND CELL DEATH
Express Mail Label No.	EV 385418218 US

022704
2390 U.S. PTO
0788793**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

Addressed to: Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original, and a duplicate for fee processing)</i>	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.	8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i>
3. <input checked="" type="checkbox"/> Specification (Pages 1-47) [Total Pages 53] <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> - Descriptive title of the invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix. - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings <i>(if filed)</i> - Detailed Description - Claim(s) (Pages 48-52) - Abstract of the Disclosure (Page 53) 	a. <input type="checkbox"/> Computer Readable Form (CFR)
4. <input checked="" type="checkbox"/> Drawing(s)(35 U.S.C. 113) [Total Sheets 4]	b. <input type="checkbox"/> Specification sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input checked="" type="checkbox"/> paper (38 pages)
5. Oath or Declaration [Total Pages 3]	c. <input type="checkbox"/> Statements verifying identity of above copies
a. <input type="checkbox"/> Newly executed (original or copy)	9. <input type="checkbox"/> Assignment Papers (cover sheet & documents(s))
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i>	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i>
i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	<input type="checkbox"/> Power of Attorney
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76.	11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i>
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:	12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
<input checked="" type="checkbox"/> Continuation-in-part (CIP) of prior application No.: <u>PCT/JP02/07676 filed July 29, 2002</u>	13. <input type="checkbox"/> Preliminary Amendment
Prior application information:	14. <input type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>
	15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>
	16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach from PTO/SB/35 or its equivalent.
	17. <input checked="" type="checkbox"/> Other: PCT/RO/105; PCT/IB/301, 304, 306, 308; PCT/ISA/202, 220, 210; PCT/IPEA/402, 408, 416, 409

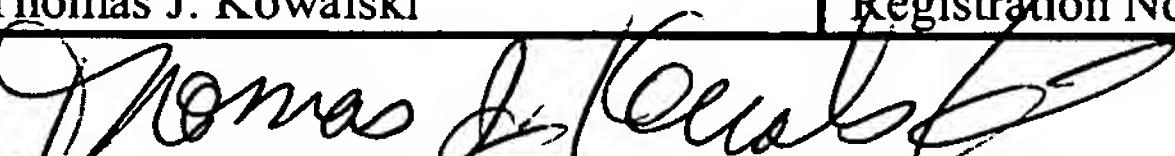
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation-in-part (CIP) of prior application No.: PCT/JP02/07676 filed July 29, 2002

Prior application information: Examiner: _____ Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number	20999		or <input type="checkbox"/> Correspondence address below
Name	Thomas J. Kowalski		
Address	Frommer Lawrence & Haug LLP, 745 Fifth Avenue		
City	New York	State	NY
Country	USA	Telephone	(212) 588-0800
Name (Print/Type)	Thomas J. Kowalski	Registration No. (Attorney/Agent)	32,147
Signature			Date
			February 27, 2004

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

00177213

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

16562

022704

U.S. PTO FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$896.00)

Complete if Known

Application Number	To Be Assigned
Filing Date	February 27, 2004
First Named Inventor	Makoto SATO et al.
Examiner Name	To Be Assigned

Attorney Docket No. 671302-2005

METHOD OF PAYMENT (check all that apply)

 Check Credit Card Money Order Other None
 Deposit Account:

Deposit Account Number

50-0320

Deposit Account Name

Frommer Lawrence & Haug LLP

The Commissioner is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee	Code	Fee	Code		
770	1001	385	2001	Utility filing fee	\$770.00
340	1002	170	2002	Design filing fee	
530	1003	265	2003	Plant filing fee	
770	1004	385	2004	Reissue filing fee	
160	1005	80	2005	Provisional filing fee	
SUBTOTAL (1)		(\$770.00)			

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	27	-20** =	Extra Claims		Fee from below	Fee Paid	
			7	X	18.00	=	126.00
Independent Claims	3	-3** =	0		X	=	0
			X		0	=	0

Large Entity		Small Entity		Fee Description	Fee Paid
Fee	Code	Fee	Code		
18	1202	9	2202	Claims in excess of 20	
86	1201	43	2201	Independent claims in excess of 3	
290	1203	145	2203	Multiple dependent claim, if not paid	
86	1204	43	2204	** Reissue independent claims over original patent	
18	1205	9	2205	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)		(\$126.00)			

** or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity	Small Entity
Fee Code	Fee Code
\$	\$

Fee Description	Fee Paid
1051 130 2051 65 Surcharge – late filing fee or oath	
1052 50 2052 25 Surcharge – late provisional filing fee or Cover sheet	
1053 130 1053 130 Non-English specification	
1812 2,520 1812 2,520 For filing a request for ex parte reexamination	
1804 920* 1804 920* Requesting publication of SIR prior to Examiner action	
1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action	
1251 110 2251 55 Extension for reply within first month	
1252 420 2252 210 Extension for reply within second month	
1253 950 2253 475 Extension for reply within third month	
1254 1480 2254 740 Extension for reply within fourth month	
1255 2010 2255 1005 Extension for reply within fifth month	
1401 330 2401 165 Notice of Appeal	
1402 330 2402 165 Filing a brief in support of an appeal	
1403 290 2403 145 Request for oral hearing	
1451 1,510 1451 1,510 Petition to institute a public use proceeding	
1452 110 2452 55 Petition to revive – unavoidable	
1453 1330 2453 665 Petition to revive- unintentional	
1501 1330 2501 665 Utility issue fee (or reissue)	
1502 480 2502 240 Design issue fee	
1503 640 2503 320 Plant issue fee	
1460 130 1460 130 Petitions to the Commissioner	
1807 50 1807 50 Processing fee under 37 CFR 1.17(q)	
1806 180 1806 180 Submission of Information Disclosure Stmt	
8021 40 8021 40 Recording each patent assignment per property (times number of properties)	
1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b))	
1801 770 2801 385 Request for continued examination (RCE)	
1802 900 1802 900 Request for expedited examination of a design application	
Other fee (specify) _____	
SUBTOTAL (3)	
(\$0)	

* Reduced by Basic Filing Fee

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Thomas J. Kowalski	Registration No. (Attorney/Agent)	32,147	Telephone	(212) 588-0800
Signature	Thomas J. Kowalski			Date	February 27, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggesting or reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop AFC, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

00177212

CERTIFICATE OF MAILING - SEPARATE PAPER - PATENT APPLICATION

Attorney Docket No.: 671302-2005

Title : PROTEINS HAVING EFFECTS OF CONTROLLING
MIGRATION AND CELL DEATH

Filed : Herewith

Applicants : Makoto SATO, et.al.

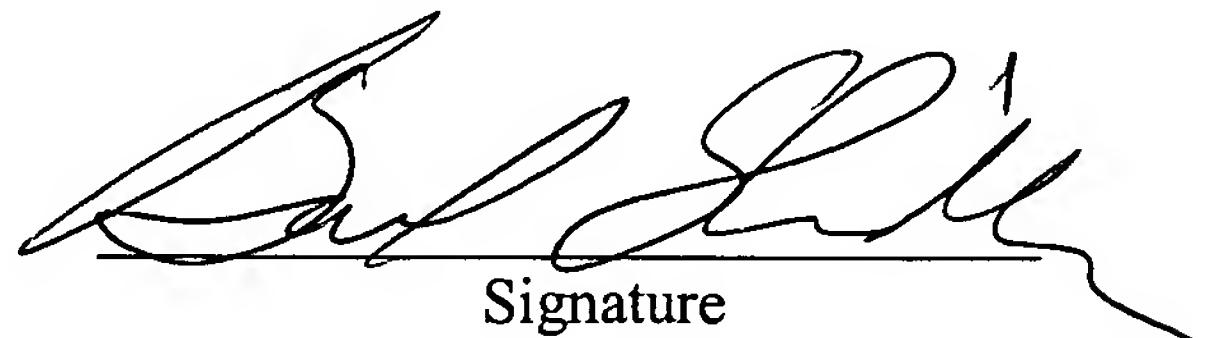
Mailed: **February 27, 2004** via "Express Mail Label # EV 385418218 US

I hereby certify that the Patent Application for the above-referenced application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to:

**MAIL STOP PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

Enclosed: **Utility Patent Application (total 53 pages, specification pages 1-47, claims
pages 48-52, abstract page 53)
Sequence Listing (38 pages)
4 Sheets of Figures (Figures 1-4)
Utility Patent Application Transmittal
Fee Transmittal
Declaration and Power of Attorney (unsigned)
Check Number 030651 in the amount of \$896.00 (to cover filing fee)
PCT/RO/105; PCT/IB/301, 304, 306, 308; PCT/ISA/202, 220, 210;
PCT/IPEA/402,408,416,409
Return Receipt Postcard**

Barnet Shindlman
(Type/printed name of person mailing paper or fee)


Signature